

PRODUCTION OF PEPTIDES IN PLANTS AS VIRAL COAT PROTEIN FUSIONS

ABSTRACT

5 The present invention relates to foreign peptide sequences fused to recombinant plant viral
structural proteins and a method of their production. Fusion proteins are economically synthesized
in plants at high levels by biologically contained tobamoviruses. The fusion proteins of the
invention have many uses. Such uses include use as antigens for inducing the production of
antibodies having desired binding properties, e.g., protective antibodies, or for use as vaccine
10 antigens for the induction of protective immunity, including immunity against parasitic infections.

15

20

25

30

35